

Brief Spec. : 12.1" WXGA Standard model

Features

- **Wide Format Screen 16:10**
- **High Brightness 400cd/m²**
- **Natural Color Matrix**
- **Wide Viewing angle**
80/80 (R/L), 80/60 (U/D)
- **Long lamp life 50,000 hours**
- **Replaceable backlight lamp unit**
- **LVDS interface**
- **Wide operation temperature range**
(-20~70 °C)
- **RoHS compliance**

Type Name	AA121TB01	
Schedule	MP Now	
Screen Size/ Resolution	31cm (12.1-inch) / WXGA	
Active Screen Area [mm]	261.12(H) x 163.2(V)	
Number of Pixels	1280(H) x 800(V)	
Pixel Pitch [mm]	0.204(H) x 0.204(V)	
Contrast Ratio	600 :1	
Brightness [cd/m ²]	400 (IL=6.5mA)	
Viewing Angle [CR>10, °]	-80 ~80(H), -60 ~80(V)	
Optimum Viewing Angle (Max. Contrast)	6 o'clock	
Number of Colors	262K colors (6bit/col.), 16.77M colors(8bit /col.)	
Color Reproduction (vs. NTSC) [%]	40	
Natural Color Matrix	Yes	
Backlight	CCFL 2-tubes (replaceable)	
Lamp Life [h]	50,000	
Interface	LVDS	
Power Consumption [W]	8.8	
Power Supply [V]	3.3	
Reverse Scan Function	YES	
Module Outline Dimensions [mm]	W	283.0
	H	185.1
	D	11.5
Module Mass [g]	720	
Operation Temperature Range[° C]	-20 ~ 70	
Storage Temperature Range[° C]	-20 ~ 80	
Surface Treatment	Anti-glare, hard-coating 3H	